Helmet Bluetooth Interphone
User Manual

Applicable for:
Motorcycle riders, skiing enthusiasts, construction and mining workers, fire control personnel, traffic police, etc..

Main Features and Specifications:

The Bluetooth system that allows the max. call distance between two riders up to 1,200m and actually realizes the fully duplex wireless communication among four riders.
Working speed above 120km/h;
Automatic and safe receiving of mobile phone calls;
Master control Bluetooth CSR BC5 scheme available;
Advanced A2DP & EDR Bluetooth function available;
Strong stereo music/audio available (mobile phone/MP3/GPS with A2DP for transmission);
DSP noise reduction function
Inbuilt polymer lithium battery with capacity up to 500mA;
Standby 240h;
Continuous call or music playing above 8h;
Charging time around 3h;
National Level 5 waterproof standard;
FM radio available.

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II. About the Product

The model of this product is V4 and it is one multifunctional Bluetooth device specially designed for the motorcycle and skiing enthusiasts. It can be used for the following purposes:

1. One call device for the mobile phone with handfree Bluetooth headset

When going out to ride a motorcycle or ski, this device can automatically and safely use the inbuilt Bluetooth function to receive an incoming mobile phone call. When there is a call incoming, you can automatically receive the call after 3s **without pressing any key but riding the motorcycle as usual**.

2. One 2-way fully duplex wireless interphone among 4 riders or between a rider and the passenger on his/her rear seat

Within the sight without any barrier, the max. call distance may reach 1,200m; on the roads in a city, the general effective distance is around 600m. Please note that the actual distance depends on the weather condition, landform, existing barriers, i.e. large vehicles or invisible buildings, etc..

The 1-way interphone is semi-duplex and thus cannot realize the functions of speaking and listening at the same time while V4, like a common phone, can realize the communication in real time.

V4 may be connected among 4 riders or between the rider and the passenger on the rear seat so that they can communicate with each other easily.

3. One wireless Bluetooth music receiver and speaker

V4 has the functions of EDR and A2DP and one of its important features is that it may be connected with the mobile phone with A2DP stereo function, MP3 or GPS audio navigator so as to listen to music. **(Of course, this MP3 and GPS audio navigator must have one inbuilt audio Bluetooth transmission module).**

III. Composition of Parts and Components

Name of component	No.
Main unit	001
Clamp connected and installed with main unit	002
Microphone and speaker audio plug-in component	003
USB A/C charger (AC110V-220V / DC output 5V)	004
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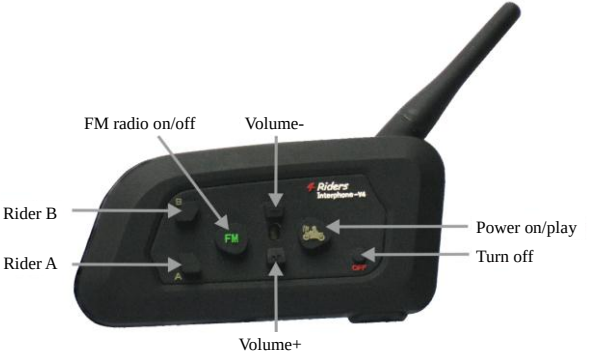
1. Main Unit:



2. Clamp Connected and Installed with Main Unit

3. Receiver/suspended microphone/audio plug-in component

4. USB AC Charger

Before use, connect the head unit to a charger to charge it fully.
1. Insert the USB plug of the charging cable into the charger and the other small plug into the headset.
2. In charging, the red lamp of the headset will be on; after charging is over, it will be off.

IV. Install the Main Unit onto the Helmet:

Steps:

1. On the left of the helmet, find a proper location to fix the clamp.

2. Install the main unit onto the helmet.

3. Installation of Headset Accessories:
Remove the protective pad with Velcro, place the Velcro in a proper place, install the two speakers of the helmet properly with the short one for left ear and the long one for the right ear.

Short speaker for the left ear

Long speaker for the right ear

Adjust the location of the microphone properly

Note: In order to reduce external noise, you need to close the helmet sun shield during riding and adjust the microphone onto the right front of your lip until the foam of the microphone can touch you lip properly; in addition, the helmet sun shield should effectively cover the helmet! (Reduce the noise from wind as possible!)

V
Correct microphone location

X
Wrong microphone location

V. Main Unit Operation Steps:

1. For the first use, make sure V4 can pair your Bluetooth mobile phone.

1) Activate the Bluetooth device on your mobile phone.
2) Press the power-on key on the headset until the red and blue LEDs flash alternately, making the main unit in "pairing mode". Operate the "Search Bluetooth device" of the mobile phone, when the main unit is detected, the mobile phone will display "V4", in such case, you may choose and accept such connection.
3) The mobile phone may require you to input the password to activate the connection; the password is 0000 (four zero). Your mobile phone will check if the pairing has succeeded. Please note that, the current headset has only a blue LED on and flashing once every 5s.

Power-on Hold the power-on key about 5s until the blue LED is on; the blue LED will flash once every 5s.

Power-off **Press the "Off" key once to quickly power off the device;** in such case, the blue LED will be off.

Volume + Press the V+ button shortly.

Volume- Press the V- button shortly..

2. Safe Mobile Phone Call Function

1) Automatically receive a mobile phone call

When there is an incoming mobile phone call, you will hear ring, and 3s later automatically receive the call.

2) End a call

To end a mobile phone call, press the power-on key shortly.

3) Refuse a call

When there is an incoming mobile phone call, you will hear ring; in such case, immediately press the power-on key for 1s to refuse the call.

4) Dial a call with mobile phone

When dial a normal call on your mobile phone, the sound will connect to the headset automatically (however, when you are a rider, you must not use such function; you can use such function only when you are sitting behind the rider).

5) Dial the Previous Dialed Call

Hold the power-on key 2-3s to automatically dial the previous dialed call. (Note: Some mobile phones do not support such function.)

3. FM Function

After the main unit is powered on, hold the FM key about 3s; in such case, the blue LED will flash, indicating the FM function has been activated. In such case, you may listen to FM radio programs. In FM working state, press the volume key to change channels forward or backward; hold the volume key to volume up or down.

Automatically switch different functions

In the state of intercom, music or FM radio, if there is a mobile phone call, the voice will automatically switch to the state of "mobile phone call on". After the call is ended, the system will automatically back to the state of intercom, music or FM radio.

4. Interphone Function

Build up the intercom among riders or between the rider and the passenger on his/her back seat: pairing

Pairing is a time process requiring the mutual identification between the headset and other Bluetooth devices. Once two headsets are paired successfully, they will keep the matching state within certain scope.

Steps:
1) Press the power key shortly, then the red LED will flash; about 2s later, the red LED will be off and the blue LED will flash once every 2s, indicating that the main unit has been activated.
2) Hold the A key about 3s, then the red and blue LEDs will flash alternately, indicating having entered the pairing state; press shortly the A key of either of the two units, then the red LED will be off and the blue LED will flash once every 2s, indicating that the main unit is searching other Bluetooth main unit, about 5s later, the red LED of the other main unit will be off, indicating that the two main units have been paired; in such case, press the A key of either of the two units to realize intercom.
3) Use the method described in 2) above to respectively pair two groups of main units.
4) Respectively use any main unit of the two groups for pairing. In such case, hold the B key of the two main units about 3s, then the red and blue LEDs will flash alternately, indicating having entered the pairing state; press shortly the B key of either of the two units, then the red LED will be off and the blue LED will flash once every 2s, indicating that the main unit is searching other Bluetooth main unit, about 5s later, the red LED of the other main unit will be off, indicating that the two main units have been paired; in such case, press the B key of either of the two units to realize intercom. (Note: This pairing method is the same as that described in 2) above with only different keys).
5) Respectively press the A key of the rest two main units; about 5s later, enter the group intercom state; in such case, the four main units can realize intercom at the same time.

Notice for 4-party Intercom:

1. In case of two persons, it is recommended to pair “A” and “A” (respectively pairing mobile phones).
2. In case of three persons, it is recommended to pair Unit 1“A” and Unit 2“A” and Unit 2“B” and Unit 3“A” (Unit 1 and Unit 3 may respectively pair mobile phones).
3. In case of four persons, it is recommended to pair Unit 1“A” and Unit 2“A”, Unit 2“B” and Unit 3“B”, Unit 3“A” and Unit 4“A” (Unit 1 and Unit 4 may pair mobile phones respectively)

Note: For re-pairing, be sure to remove the pairing records before; to achieve this, hold A and B keys at the same time until the red LED flashes quickly.